

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **Shinji IIO, et al.**

Serial Number: **Not Yet Assigned**

Filed: **January 26, 2004**

**Customer No.: 38834**

For: **OPTICAL SWITCH**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

January 26, 2004

Sir:

In compliance with 37 CFR 1.56, Applicant(s) call(s) to the attention of the Patent and Trademark Office the references listed on the attached PTO-1449.

A copy of each of the references is enclosed herewith.

In the event there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,  
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Enclosures: PTO-1449; References (10)

<b>INFORMATION DISCLOSURE STATEMENT PTO-1449</b>	Attv. Docket No. 032179	Serial No. New Appln.
	Applicant(s): Shinji IIO, et al.	
	Filing Date: January 26, 2004	Group Art Unit:

### U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA					
	AB					

### FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
AC	4-320219	11/11/92	Japan	Abstract & Discussed in the Spec.
AD	5-249508	09/28/93	Japan	Abstract & Discussed in the Spec.
AE	6-59294	03/04/94	Japan	Abstract & Discussed in the Spec.
AF	6-62450	03/04/94	Japan	Abstract & Discussed in the Spec.
AG	6-130236	05/13/94	Japan	Abstract & Discussed in the Spec.
AH	6-289339	10/18/94	Japan	Abstract & Discussed in the Spec.
AI	8-82810	03/26/96	Japan	Abstract & Discussed in the Spec.

### OTHER DOCUMENTS

AJ	"2x2 Optical Waveguide Switch with Bow-Tie Electrode Based on Carrier-Injection Total Internal Reflection in SiGe Alloy," Baojun Li and Soo-Jin Chua, pages 206-208, IEEE PHOTONICS TECHNOLOGY LETTERS, VOL. 13, NO.3, MARCH 2001
AK	Baojun Li, Guozheng Li, Enke Liu, Zuimin Jiang, Chengwen Pei and Xun Wang, Appl. Phys. Lett., pp. 1-3, 75 (1999)
AL	K. Ishida, H. Nakamura, H. Matsumura, T. Kadi, and H. Inoue, Appl. Phys. Lett., pp.141-142, 50(3), 19 (1987)
Examiner	Date Considered